Trade and Industrial Education
Course: Collision Repair-Structural
Course Code #
2 Credit

School Year _____

Term:____Fall____Spring

Student:	Grade:
Teacher:	School:
Number of Competencies in Course:	31
Number of Competencies Mastered:	
Percent of Competencies Mastered:	

STANDARD 1.0: Students will demonstrate leadership, citizenship, and teamwork skills required for success in the school, community, and workplace.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
1.1	Lead a team.		
1.2	Participate in SkillsUSA-VICA as an integral part of classroom instruction.		
1.3	Assess client complaint and apply problem-solving and decision-making skills to communicate with the client.		
1.4	Demonstrate teamwork skills		

STANDARD 2.0: Students will apply mathematics and science concepts to collision repair and refinish technology..

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
2.1	Relate mathematics to structural analysis and damage repair technology.		
2.2	Relate scientific concepts to structural analysis and damage repair technology.		
2.3	Examine the materials and construction of vehicles.		

STANDARD 3.0: Students will properly inspect and repair damaged vehicle frames and glass.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
3.1	Diagnose damage and misalignment.		
3.2	Repair or replace damaged frame areas or components		
3.3	Remove and replace glass		

STANDARD 4.0: Students will properly inspect, measure, and repair unibody vehicles.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
4.1	Analyze critical factors specific to unibody repair.		
4.2	Diagnose unibody vehicle damage and misalignment.		
4.3	Repair damage to unibody vehicles.		

STANDARD 5.0: Students will properly perform metal welding and cutting operations.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
5.1	Prepare for welding and cutting operations.		
5.2	Perform welding and cutting techniques.		

STANDARD 6.0: Students will demonstrate communication skills required in the collision repair and refinish industry.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
6.1	Communicate and comprehend oral and written information typically occurring in the automotive collision repair and repair workplace.		
6.2	Solve structural repair problems and make decisions using a logical process.		
6.3	Use teamwork skills to accomplish goals, solve problems, and manage conflict within groups.		

STANDARD 7.0: Students will demonstrate interpersonal and employability skills required in the collision repair and refinish industry.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
7.1	Infer relationships between honesty, integrity, and organization and personal job success.		
7.2	Demonstrate attitudes conducive to workplace success.		
7.3	Maintain structural analysis and repair equipment in a neat and orderly work area.		
7.4	Assess implications of cultural and religious diversity for classroom and workplace relationships.		
7.5	Develop individual and team time management and work sequencing skills to increase productivity in structural damage diagnostics and repair.		

STANDARD 8.0: Students will demonstrate structural analysis and damage repair technology safety practices, including Occupational Safety and Health Administration (OSHA) and Environmental Protection Agency (EPA) requirements for a structural repair facility.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
8.1	Determine the safe and correct approach to structural analysis and damage repair.		
8.2	Use protective clothing and safety equipment.		
8.3	Use fire protection equipment.		
8.4	Follow OSHA and EPA regulations affecting collision repair technology.		
8.5	Respond to safety communications.		
8.6	Pass with 100 % accuracy a written examination relating to safety issues.		
8.7	Pass with 100% accuracy a performance examination relating to safety.		
8.8	Maintain a portfolio record of written safety examinations and equipment examinations for which the student has passed an operational checkout by the instructor.		

Additional Comments _____